

SEQUENCE LISTING

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Wurzburg, Beth A.

<120> THREE-DIMENSIONAL MODEL OF A Fc REGION OF AN IgE
ANTIBODY AND USES THEREOF

<130> AL-9-C2

<140> not yet assigned

<141> 2001-03-15

<150> 60/234,877

<151> 2000-09-22

<150> 60/189,403

<151> 2000-03-15

<160> 2

<170> PatentIn Ver. 2.1

<210> 1

<211> 669

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(666)

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Ala	Asp	Pro	Cys	Asp	Ser	Asn	Pro	Arg	Gly	Val	Ser	Ala	Tyr	Leu	Ser																							
1					5					10					15																							

c	g	g	c	c	a	g	c	c	g	t	t	c	a	c	t	g	t	t	c	a	t	c	g	c	a	a	g	t	c	c	c	a	c	g	a	t	c	a	c		96
Arg	Pro	Ser	Pro	Phe	Asp	Leu	Phe	Ile	Arg	Lys	Ser	Pro	Thr	Ile	Thr																										
			20					25					30																												

t	g	t	c	t	g	g	t	g	g	a	c	t	g	g	c	a	c	c	a	g	c	a	a	g	g	g	a	c	c	g	t	g	a	a	c	t	g	a	c	c		144
Cys	Leu	Val	Val	Asp	Leu	Ala	Pro	Ser	Lys	Gly	Thr	Val	Asn	Leu	Thr																											
			35				40					45																														

t	g	g	t	c	c	g	g	c	c	a	g	t	g	g	a	a	c	c	t	g	t	g	a	a	c	c	a	c	c	a	a	g	a	a	g	g	a	g		192
Trp	Ser	Arg	Ala	Ser	Gly	Lys	Pro	Val	Asn	His	Ser	Thr	Arg	Lys	Glu																									
			50				55					60																												

gag aag cag cgc aat ggc acg tta acc gtc acg tcc acc ctg ccg gtg 240
Glu Lys Gln Arg Asn Gly Thr Leu Thr Val Thr Ser Thr Leu Pro Val
65 70 75 80

ggc acc cga gac tgg atc gag ggg gag acc tac cag tgc agg gtg acc 288
Gly Thr Arg Asp Trp Ile Glu Gly Glu Thr Tyr Gln Cys Arg Val Thr
85 90 95

cac ccc cac ctg ccc agg gcc ctc atg cgg tcc acg acc aag acc agc 336
His Pro His Leu Pro Arg Ala Leu Met Arg Ser Thr Thr Lys Thr Ser
100 105 110

ggc ccg cgt gct gcc ccg gaa gtc tat gcg ttt gcg acg ccg gag tgg 384
Gly Pro Arg Ala Ala Pro Glu Val Tyr Ala Phe Ala Thr Pro Glu Trp
115 120 125

ccg ggg agc cgg gac aag cgc acc ctc gcc tgc ctg atc cag aac ttc 432
Pro Gly Ser Arg Asp Lys Arg Thr Leu Ala Cys Leu Ile Gln Asn Phe
130 135 140

atg cct gag gac atc tcg gtg cag tgg ctg cac aac gag gtg cag ctc 480
Met Pro Glu Asp Ile Ser Val Gln Trp Leu His Asn Glu Val Gln Leu
145 150 155 160

ccg gac gcc cgg cac agc acg acg cag ccc cgc aag acc aag ggc tcc 528
Pro Asp Ala Arg His Ser Thr Thr Gln Pro Arg Lys Thr Lys Gly Ser
165 170 175

ggc ttc ttc gtc ttc agc cgc ctg gag gtg acc agg gcc gaa tgg gag 576
Gly Phe Phe Val Phe Ser Arg Leu Glu Val Thr Arg Ala Glu Trp Glu
180 185 190

cag aaa gat gag ttc atc tgc cgt gca gtc cat gag gca gcg agc ccc 624
Gln Lys Asp Glu Phe Ile Cys Arg Ala Val His Glu Ala Ala Ser Pro
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<212> PRT

<213> Homo sapiens

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 Cys Leu Val Val Asp Leu Ala Pro Ser Lys Gly Thr Val Asn Leu Thr
 35 40 45
 Trp Ser Arg Ala Ser Gly Lys Pro Val Asn His Ser Thr Arg Lys Glu
 50 55 60
 Glu Lys Gln Arg Asn Gly Thr Leu Thr Val Thr Ser Thr Leu Pro Val
 65 70 75 80
 Gly Thr Arg Asp Trp Ile Glu Gly Glu Thr Tyr Gln Cys Arg Val Thr
 85 90 95
 His Pro His Leu Pro Arg Ala Leu Met Arg Ser Thr Thr Lys Thr Ser
 100 105 110
 Gly Pro Arg Ala Ala Pro Glu Val Tyr Ala Phe Ala Thr Pro Glu Trp
 115 120 125
 Pro Gly Ser Arg Asp Lys Arg Thr Leu Ala Cys Leu Ile Gln Asn Phe
 130 135 140
 Met Pro Glu Asp Ile Ser Val Gln Trp Leu His Asn Glu Val Gln Leu
 145 150 155 160
 Pro Asp Ala Arg His Ser Thr Thr Gln Pro Arg Lys Thr Lys Gly Ser
 165 170 175
 Gly Phe Phe Val Phe Ser Arg Leu Glu Val Thr Arg Ala Glu Trp Glu
 180 185 190
 Gln Lys Asp Glu Phe Ile Cys Arg Ala Val His Glu Ala Ala Ser Pro
 195 200 205
 Ser Gln Thr Val Gln Arg Ala Val Ser Val Asn Pro Gly Lys
 210 215 220